




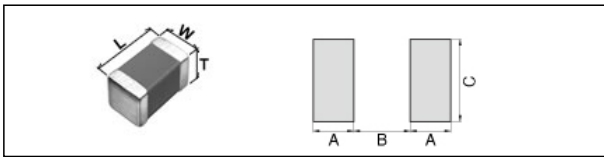


# MLF1608DR12KTD25

Applications		Automotive Grade
Feature		Multilayer
		Magnetic Shield
		Ferrite Core
		AEC-Q200
Series	MLF Series / MLF1608 Type	
Status	PROD	



Size	
Length(L)	1.60mm +/-0.15mm
Width(W)	0.80mm +/-0.15mm
Thickness(T)	0.80mm +/-0.15mm
Recommended Land Pattern (A)	0.60mm Nom.
Recommended Land Pattern (B)	0.80mm Nom.
Recommended Land Pattern (C)	0.80mm Nom.

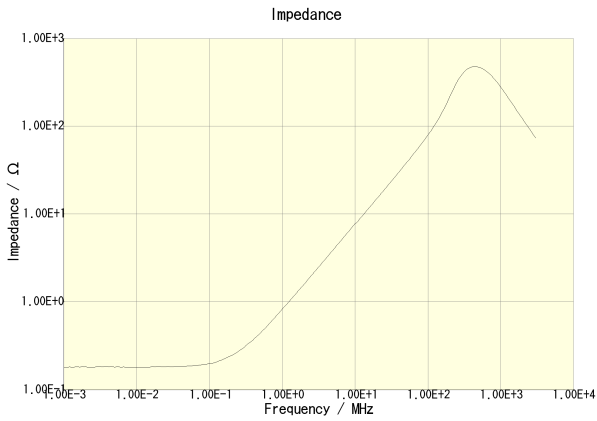
Electrical Characteristics	
Inductance	120nH +/-10% at 25MHz
Rated Current	200mA
Self-Resonant Frequency [Min.]	400MHz
Self-Resonant Frequency [Typ.]	550MHz
Q [Min.]	15 at 25MHz
Q [Typ.]	25 at 25MHz
DC Resistance [Nom.]	200mΩ
DC Resistance [Max.]	400mΩ

Other	
Operating Temp. Range (Including Self-Temp. Rise)	-55 to 125degC
Soldering Method	Reflow, Iron Soldering
AEC Q200	Yes
Packing	Punched (Paper)Taping [180mm Reel]
Package Quantity	4000Pcs Min.
Weight	0.004g

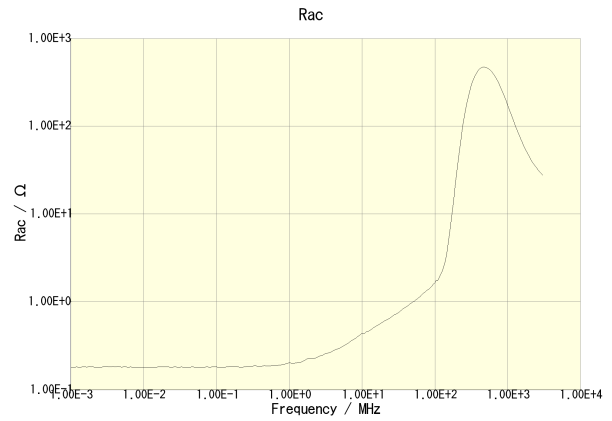
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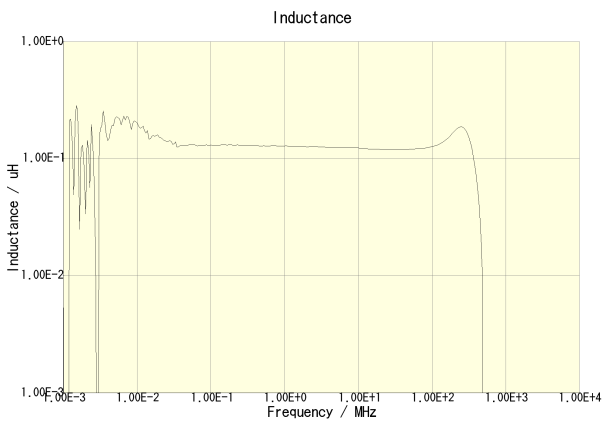
**Characteristic Graphs** (This is reference data, and does not guarantee the product's characteristics.)



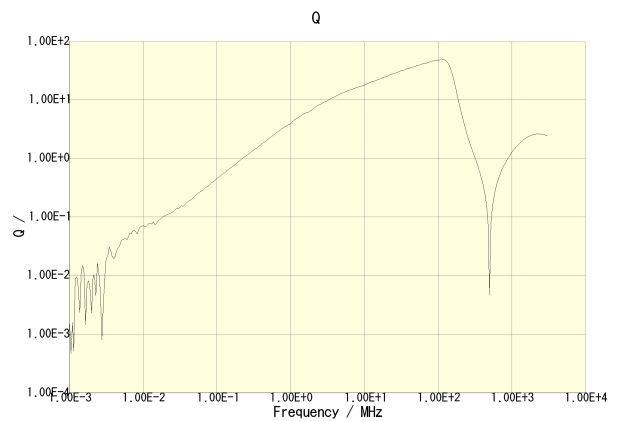
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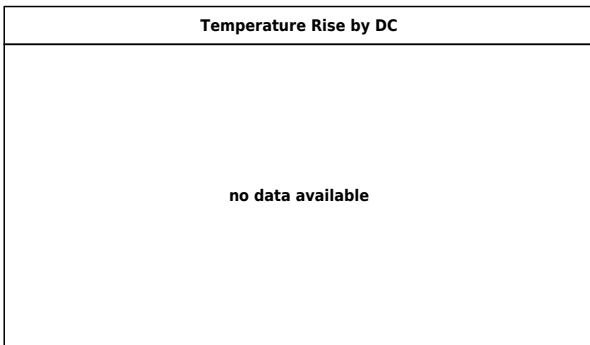
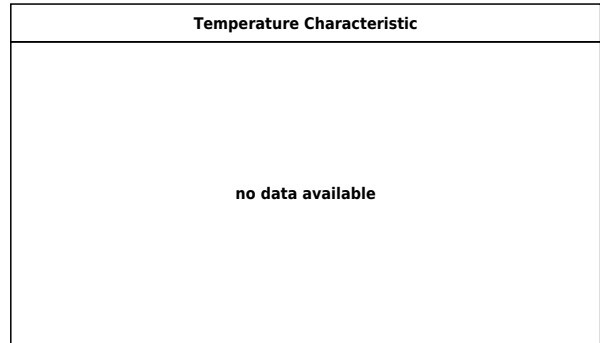
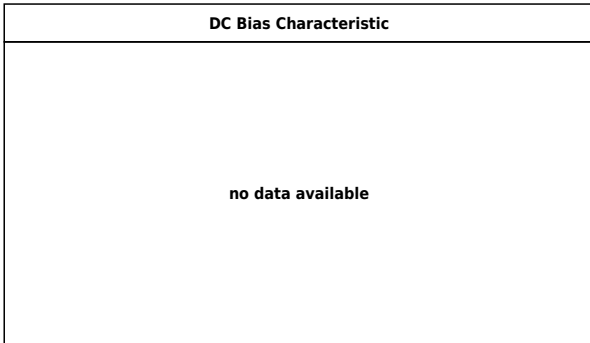


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